
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: SureCo, Inc.
Product Name: Black Leaf Termite Killer

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Black Leaf® Termite Killer

EPA Number: 70-290-5887

Manufacturer Name & Address: Sureco, Inc., an indirect subsidiary of Verdant Brands Inc. 9555 James Avenue S., Ste 200, Bloomington, MN 55431

Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time

Emergency Telephone Contact Number: Chemtrec 800-424-9300

SECTION 2: Composition/Information on Ingredients

<u>Hazardous Ingredients:</u>	% by		OSHA	PEL	ACGIH	TLV
	weight	CAS No.	TWA	STEL	TWA	STEL
chlorpyrifos	12.6	2921-88-2	0.2 mg/m ³	NE	0.2 mg/m ³	NE
trimethyl benzene (mixed isomers)	<75.0	25551-13-7	25 ppm	NE	25 ppm	NE

* all ingredients in quantities > 1.0 % (0.1 % for carcinogens or teratogens) that are potentially hazardous per OSHA definitions

N/A = not applicable NE = not established

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: opaque liquid

Odor: slight pungent, sour

Potential Health Effects: This material may be minimally irritating to the eyes and skin. Personnel responding to a spill of this material should avoid prolonged skin contact or inhalation of mist to prevent toxic effects (see Notes to Physician, in First Aid Section).

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. DO NOT induce vomiting. Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTES TO PHYSICIAN: This product contains an active inhibitor of plasma cholinesterase, but only a moderate red blood cell cholinesterase inhibitor. Symptoms may be delayed by several hours after an acute exposure because chlorpyrifos requires metabolic activation to the more toxic oxon form. Measurement of blood cholinesterase activity may be useful in medical monitoring.

SECTION 5: Fire Fighting Measures

Extinguishing media: CO₂, dry chemical, foam

Flashpoint: 113°F.

Hazardous products of combustion: hydrogen chloride, ethyl sulfide, nitrogen oxides, phosgene, sulfur dioxide

Unusual fire and explosion hazards: containers may explode in fire

Protective Equipment: Use NIOSH/MSHA approved SCBA and bunker gear.

TFA Ratings: Health = 1 Fire = 2 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Liquid spills should be absorbed with absorbent material, containerized and disposed of appropriately (see comments in Section 13). Scrub floor with a detergent solution or dilute bleach solution and rinse with water.

SECTION 7: Handling & Storage

Storage: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not freeze. Do not reuse container.

Storage Temperature: Avoid excessive temperatures and direct sunlight. Store below 110°F.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Recommended to avoid splashing of material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: opaque

Odor: slight pungent, sour

Physical state: liquid

Solubility in water: emulsifies

Bulk Density: 7.69 lbs./gallon

pH: 5.0 - 6.5

Vapor pressure: not determined

Vapor density: n/a

Boiling point: 212°F

Specific Gravity: 1.001

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: Strong oxidizers, acids

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Note to Consumers: Information provided in this section is oriented to medical and public health professionals involved in the assessment and treatment of excessive and/or accidental exposures.

Rabbit Dermal LD₅₀ = 4,000 mg/kg Rat Oral LD₅₀ = >941 mg/kg

There was no evidence of teratologic or reproductive effects in male & female rats fed 1.0 Mg/kg/day during three-generation reproduction & fertility study.

Not a contact sensitizer

Carcinogens: None listed per OSHA, NTP, or IARC

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water, do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: hydrolysis half-life at 20 deg C buffered solution was measured to be 53.0 days at pH 7.4. Koc values of 4381 to 6129 measured in four different soils with organic carbon content varying from 0.88 to 6.55%.

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: Consumer Commodity, ORM-D

SECTION 15: Regulatory Information

SARA Title III: not regulated

CERCLA RQ: chlorpyrifos - 1 lb.

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLVs (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.